RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/462,929

Source: 1FW16

Date Processed by STIC: 10/10/06

ENTERED

IFW16

RAW SEQUENCE LISTING   DATE: 10/10/2006
PATENT APPLICATION: US/09/462,929   TIME: 15:08:38

Input Set : N:\AMC\462929.txt
Output Set: N:\CRF4\10102006\I462929.raw

```
 3 <110> APPLICANT: Old, Lloyd J.
 4         Scanlan, Matthew J.
 5         Stockert, Elisabeth
 6         Gure, Ali
 7         Chen, Yao-Tseng
 8         Gout, Ivan
 9         O'Hare, Michael
10         Obata, Yuichi
11         Pfreundschuh, Michael
12         Tureci, Ozlem
13         Sahin, Ugur
16 <120> TITLE OF INVENTION: CANCER-ASSOCIATED NUCLEIC ACIDS AND
17         POLYPEPTIDES
19 <130> FILE REFERENCE: L0461.70078US00
21 <140> CURRENT APPLICATION NUMBER: 09/462,929
22 <141> CURRENT FILING DATE: 2000-06-07
24 <150> PRIOR APPLICATION NUMBER: PCT/US98/14679
25 <151> PRIOR FILING DATE: 1998-07-15
27 <150> PRIOR APPLICATION NUMBER: US 08/896,164
28 <151> PRIOR FILING DATE: 1997-07-17
30 <150> PRIOR APPLICATION NUMBER: US 09/948,705
31 <151> PRIOR FILING DATE: 1997-10-10
33 <150> PRIOR APPLICATION NUMBER: US 09/102,322
34 <151> PRIOR FILING DATE: 1998-06-22
36 <150> PRIOR APPLICATION NUMBER: US 60/061,599
37 <151> PRIOR FILING DATE: 1997-10-10
39 <150> PRIOR APPLICATION NUMBER: US 60/061,765
40 <151> PRIOR FILING DATE: 1997-10-10
42 <150> PRIOR APPLICATION NUMBER: UK 9721697.2
43 <151> PRIOR FILING DATE: 1997-10-11
45 <160> NUMBER OF SEQ ID NOS: 822
47 <170> SOFTWARE: PatentIn version 3.2
49 <210> SEQ ID NO: 1
50 <211> LENGTH: 474
51 <212> TYPE: DNA
52 <213> ORGANISM: Homo sapiens
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56 <221> NAME/KEY: misc_feature
57 <222> LOCATION: (26)..(26)
58 <223> OTHER INFORMATION: n is a, c, g, or t
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C--> 22 <141> **CURRENT FILING DATE: 2000-06-07**

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122 <222> LOCATION: (403)..(403)
123 <223> OTHER INFORMATION: n is a, c, g, or t
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Input Set : **N:\AMC\462929.txt**
Output Set: **N:\CRF4\10102006\I462929.raw**

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   201  <221> NAME/KEY: misc_feature
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   210  cgctctgtct ctgggacngc ttcattcaag tcttgactta cgccatcttg gcaagatgtc     180
   212  tgcttgccat ccaanttctc catggtatcc cctttanaga cttcaccaag agatgttctt     240
   214  ctctcaaaga tgttgttatt attgntaact tgantcccat tttgcttcag taagcctgaa     300
   216  tacctcagct tccaaatctc taatccgcac ttggaggcct tgcacttcca naagangngc     360
   218  tttttcaaat cttcnagttt cnttcttctg ctcctgtctt tgnatagatc aanctcnttt     420
   220  tgntgnnagt ccntnntnaa cntcnttgcn tgntggnngn tcntttncan nggc          474
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   226  <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/10/2006
PATENT APPLICATION: US/09/462,929   TIME: 15:08:39

FYI

Input Set : **N:\AMC\462929.txt**
Output Set: **N:\CRF4\10102006\I462929.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 26,68,119,138,195,217,265,274,351,356,358,375,382,403,413
Seq#:1; N Pos. 417,423,426,427,433,435,436,438,442,445,450,453,457,458,460
Seq#:1; N Pos. 463,467,470,471
Seq#:2; N Pos. 27,29,30,46,58,85,86,89,101,103,107,110,128,155,157,166,170
Seq#:2; N Pos. 200,204,208,225,227,234,236,238,244,255,258,268,271,276,278
Seq#:2; N Pos. 292,300,307,309,317,323,330,331,335,343,350,356,363,366,375
Seq#:2; N Pos. 377,378,413,425,430,431,437,439,444,449,462,463,466,469,482
Seq#:2; N Pos. 499,500,506,508,509,510,513,523,529,531,532,535,541,549,570
Seq#:2; N Pos. 576,596,600,607,614,615,616,619,622,624,630,636,638,641,643
Seq#:2; N Pos. 644,654,655,659,663,670,676,693,694,698,700,702,703,708,721
Seq#:2; N Pos. 722,724,727,729,731,741,748,751,752,753,754,756,758,760,764
Seq#:2; N Pos. 767,768,774,780,782,788,789,799,806,808,817,818,820,821,826
Seq#:2; N Pos. 827,839,841,848,849,860,862,863,864,870,871,874,882,886,888
Seq#:2; N Pos. 896,898,900,902,929,930,952,959,964,966,968,973,980,981,985
Seq#:2; N Pos. 1017,1025,1027,1033,1035,1039,1041,1047,1052
Seq#:3; N Pos. 263,302,330,331,355,370,394,405,419,430,435
Seq#:4; N Pos. 108,112,138,169,177,206,225
Seq#:5; N Pos. 383,402,412
Seq#:6; N Pos. 730
Seq#:8; N Pos. 535,589,594,630,631,710
Seq#:9; N Pos. 126,128,570
Seq#:10; N Pos. 56,66,94,124,136,140,143,145,253,257,263,292,295,352,376
Seq#:10; N Pos. 384,391,422,424,450,461,463,474,477,478,486,495,501,521,528
Seq#:10; N Pos. 544,547,549,560,579,587,593,598,599,607,647,648,650,659
Seq#:11; N Pos. 39,109,143,207,233,268,270,295,299,304,310,328,350,362,370
Seq#:11; N Pos. 372,398,425,451,484,505,509,512,520,550,559,595,598,604,633
Seq#:11; N Pos. 682,684,686,732,735,739,746,749,760,768,794,795,804,806,815
Seq#:11; N Pos. 818,830,832,838,839,846,849,888,891,892,916,918,935,937,945
Seq#:11; N Pos. 960,969,973,975,976,977,983,996,997,1000,1007,1011,1012
Seq#:11; N Pos. 1019,1022,1023,1027,1030,1047,1049,1053,1061,1066,1067,1070
Seq#:11; N Pos. 1091,1094,1095,1096,1097,1101,1102,1104,1106,1109,1110,1111
Seq#:11; N Pos. 1114,1115,1116,1117,1121,1131,1135,1136,1139,1144,1158,1159
Seq#:12; N Pos. 307,546,549,577,587,597,600,616,645,673,674,684,686,687,693
Seq#:12; N Pos. 694,695,706,718,720,721,722,729,730,741,745,747,759,761,763
Seq#:12; N Pos. 770,771,774,790,793,795,797,799,823,829,833,836,839,841,844
Seq#:12; N Pos. 845
Seq#:13; N Pos. 11,33,292,366,369
Seq#:14; N Pos. 11,222,420,511,536,556,561,647,651,656,657,679,683,684,686
Seq#:14; N Pos. 688,692,701,714,717,720,725,726,741,747,758,767,800,805,809
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Seq#:14; N Pos. 973,978,986,994,996,1007,1015,1017,1021,1025,1032,1036,1038
Seq#:14; N Pos. 1039,1040,1047,1048,1049,1050,1054,1057,1059,1061,1064,1078
Seq#:14; N Pos. 1079,1087,1088,1089,1090,1091,1092,1093,1094,1105,1107,1110

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Input Set : **N:\AMC\462929.txt**
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Seq#:14; N Pos.  1121,1123,1125,1132,1133,1135,1139,1141,1145,1148,1149,1152
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Seq#:15; N Pos.  34,312,451,530,542,566,570,627,628,629,632,638,646,650,653
Seq#:15; N Pos.  654,657,662,665,670,674,678,681,685,687,688,689,692,694,696
Seq#:15; N Pos.  700,704,711,715,716,717,718,719,723,732,741,745,748,749,753
Seq#:15; N Pos.  756,757,763,778,784,786,788,806,807,813,815,816,817,818,819
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Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:817

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Input Set : **N:\AMC\462929.txt**
Output Set: **N:\CRF4\10102006\I462929.raw**

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L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:1057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:240
M:341 Repeated in SeqNo=3
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60
M:341 Repeated in SeqNo=4
L:1153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:360
L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:720
L:1274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:480
M:341 Repeated in SeqNo=8
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:120
M:341 Repeated in SeqNo=9
L:1540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
M:341 Repeated in SeqNo=10
L:2017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:2260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:300
M:341 Repeated in SeqNo=12
L:2313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:341 Repeated in SeqNo=13
L:2795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14
L:3383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:3773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:60
M:341 Repeated in SeqNo=16
L:4009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:60
M:341 Repeated in SeqNo=17
L:4399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:540
M:341 Repeated in SeqNo=18
L:4594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
M:341 Repeated in SeqNo=19
L:4701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:180
M:341 Repeated in SeqNo=20
L:4752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:180
M:341 Repeated in SeqNo=21
L:4895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:120
M:341 Repeated in SeqNo=22
L:4971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:180
M:341 Repeated in SeqNo=23
L:5028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
M:341 Repeated in SeqNo=24
L:5094 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:120
M:341 Repeated in SeqNo=25
L:5223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
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Input Set : **N:\AMC\462929.txt**
Output Set: **N:\CRF4\10102006\I462929.raw**

M:341 Repeated in SeqNo=26
L:5269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:420
M:341 Repeated in SeqNo=27
L:65988 M:283 W: Missing Blank Line separator, <400> field identifier